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(71) Applicant (for all designated States except US): GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(72) Inventors; and

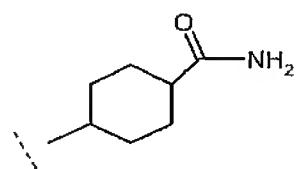
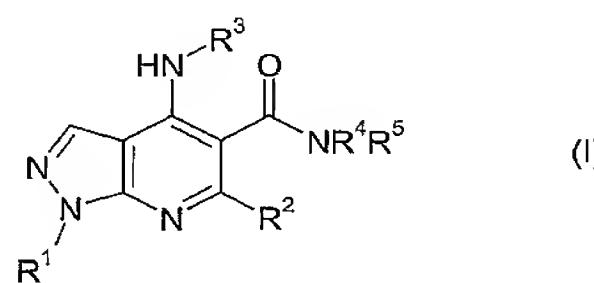
(75) Inventors/Applicants (for US only): COOK, Caroline, Mary [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). DOWLE, Michael, Dennis [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

EDLIN, Christopher, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). JOHNSON, Martin, Redpath [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). JONES, Paul, Spencer [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). LINDVALL, Mika, Kristian [FI/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). TRIVEDI, Naimisha [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). REDGRAVE, Alison, Judith [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

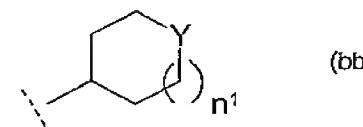
(74) Agent: BREEN, Anthony, Paul; GlaxoSmithKline, Corporate Intellectual Property (CN925.1), 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

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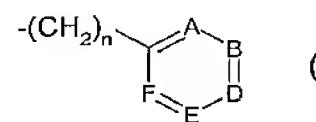
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(54) Title: PYRAZOLO[3,4-*b*] PYRIDINE COMPOUNDS, AND THEIR USE AS PDE4 INHIBITORS

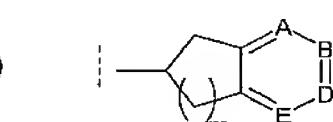
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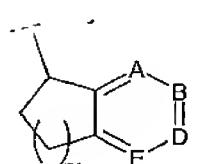
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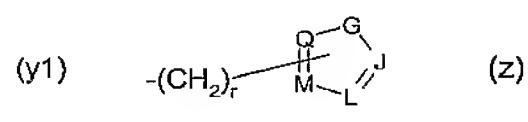
(x)



(y)



(y1)



(z)

(57) **Abstract:** The invention provides a compound of formula (I) or a salt thereof: formula (I) wherein: R¹ is C₁₋₃alkyl, C₁₋₃fluoroalkyl, or -CH₂CH₂OH; R² is a hydrogen atom (H), methyl or C₁fluoroalkyl; R³ is of sub-formula (aa) or (bb): formulae (aa), (bb) wherein Y is NCONH₂ and n¹ is 0 or 1; R⁴ is H; and R⁵ is a group of the sub-formula (x), (y), (y1) or (z): formulae (x), (y), (y1), (z). The invention also relates to the use of these compounds or salts in therapy as inhibitors of phosphodiesterase type IV (PDE4). For example, it relates to their use in the treatment and/or prophylaxis of inflammatory and/or allergic diseases such as chronic obstructive pulmonary disease (COPD), asthma, rheumatoid arthritis, allergic rhinitis, psoriasis or atopic dermatitis in a mammal such as a human.

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